Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072321\
Data File : BF124720.D
Acq On : 23 Jul 2021 19:05
Operator : JU/CG
Sample : M3152-04MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VAULT-BMSD

Manual Integrations APPROVED
mohammad
7/27/2021 12:04:11 PM

Quant Time: Jul 23 23:29:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 15:28:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	7526	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	29811	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	16840	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	29072	20.000	ng		0.00
76) Chrysene-d12	14.033	240	16093	20.000	ng		0.00
86) Perylene-d12	15.504	264	13676	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	46002	103.493	ng		0.01
7) Phenol-d6	6.498	99	55604	99.784	ng		0.00
23) Nitrobenzene-d5	7.434	82	34689	69.257	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	15126	104.615	ng		0.00
45) 2-Fluorobiphenyl	9.234	172	78050	68.074	ng		0.00
79) Terphenyl-d14	12.980	244	72143	76.843	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.740	88	7141	45.960	ng	#	100
3) Pyridine	3.487	79	14991	40.757	ng		95
4) n-Nitrosodimethylamine	3.446	42	14321	49.235	ng	#	97
6) Aniline	6.534	93	24946	43.560	ng		99
8) 2-Chlorophenol	6.657	128	24293	48.456	ng		97
9) Benzaldehyde	6.422	77	13587	45.287	ng		92
10) Phenol	6.510	94	25789m	48.328	ng		
11) bis(2-Chloroethyl)ether	6.604	93	21326	50.403	ng		99
12) 1,3-Dichlorobenzene	6.810	146	25507	46.811	ng		99
13) 1,4-Dichlorobenzene	6.887	146	25335	46.476	ng		97
14) 1,2-Dichlorobenzene	7.040	146	25054	47.568	ng		97
15) Benzyl Alcohol	7.010	79	18031	49.206	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.145	45	34918	49.033	ng		97
17) 2-Methylphenol	7.122	107	18215	49.872	ng		97
18) Hexachloroethane	7.381	117	10172	49.231	ng		97
19) n-Nitroso-di-n-propyla...	7.287	70	14981	50.346	ng		97
20) 3+4-Methylphenols	7.275	107	23698	49.109	ng		93
22) Acetophenone	7.281	105	33458	48.432	ng	#	92
24) Nitrobenzene	7.457	77	22617	46.057	ng		99
25) Isophorone	7.692	82	40029	45.197	ng		94
26) 2-Nitrophenol	7.769	139	13061	48.021	ng	#	92
27) 2,4-Dimethylphenol	7.804	122	22253	53.172	ng		92
28) bis(2-Chloroethoxy)met...	7.904	93	26234	50.972	ng		99
29) 2,4-Dichlorophenol	8.010	162	21072	47.542	ng		94
30) 1,2,4-Trichlorobenzene	8.092	180	22174	45.645	ng		98
31) Naphthalene	8.175	128	71565	46.001	ng		97
32) Benzoic acid	7.934	122	16067	49.600	ng		97
33) 4-Chloroaniline	8.222	127	14097	24.097	ng		98
34) Hexachlorobutadiene	8.292	225	13012	44.809	ng		96
35) Caprolactam	8.604	113	6270m	54.427	ng		
36) 4-Chloro-3-methylphenol	8.704	107	20779	49.150	ng		99
37) 2-Methylnaphthalene	8.869	142	48813	46.959	ng		100
38) 1-Methylnaphthalene	8.969	142	44531	45.220	ng		98
40) 1,2,4,5-Tetrachloroben...	9.034	216	21450	45.652	ng	#	96
41) Hexachlorocyclopentadiene	9.022	237	30769	110.685	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	15682	47.016	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	15617	45.599	ng		97
46) 1,1'-Biphenyl	9.334	154	56756	45.151	ng		97
47) 2-Chloronaphthalene	9.357	162	45594	45.819	ng		97
48) 2-Nitroaniline	9.451	65	12940	49.662	ng		92
49) Acenaphthylene	9.775	152	71657	46.695	ng		99
50) Dimethylphthalate	9.639	163	55013	47.444	ng		98
51) 2,6-Dinitrotoluene	9.698	165	11452	44.705	ng		97
52) Acenaphthene	9.945	154	51424m	50.550	ng		
53) 3-Nitroaniline	9.863	138	7445	27.625	ng		87
54) 2,4-Dinitrophenol	9.975	184	14204	95.888	ng	#	78
55) Dibenzofuran	10.122	168	65089	44.776	ng		97
56) 4-Nitrophenol	10.028	139	19984	93.899	ng		93
57) 2,4-Dinitrotoluene	10.104	165	15546	44.720	ng	#	92
58) Fluorene	10.463	166	50812	45.565	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.233	232	12162	44.965	ng	#	97
60) Diethylphthalate	10.339	149	57113	47.366	ng		99
61) 4-Chlorophenyl-phenyle...	10.451	204	24577	45.591	ng		99
62) 4-Nitroaniline	10.486	138	11844	44.414	ng		95
63) Azobenzene	10.616	77	47994	44.991	ng		95
65) 4,6-Dinitro-2-methylph...	10.510	198	8007	42.528	ng		80
66) n-Nitrosodiphenylamine	10.575	169	43468	46.139	ng		96
67) 4-Bromophenyl-phenylether	10.945	248	14540	47.158	ng		95
68) Hexachlorobenzene	11.010	284	15391	48.065	ng	#	87
69) Atrazine	11.104	200	14169	49.467	ng		95
70) Pentachlorophenol	11.204	266	18906	94.949	ng		96
71) Phenanthrene	11.428	178	72811	46.566	ng		99
72) Anthracene	11.475	178	74721	47.801	ng		99
73) Carbazole	11.628	167	64008	43.684	ng		100
74) Di-n-butylphthalate	11.957	149	89661	45.940	ng		99
75) Fluoranthene	12.610	202	68549	42.961	ng		99
77) Benzidine	12.733	184	43387	95.607	ng		96
78) Pyrene	12.839	202	69320	54.410	ng		98
80) Butylbenzylphthalate	13.457	149	30778	50.438	ng		98
81) Benzo(a)anthracene	14.027	228	49421	46.980	ng		99
82) 3,3'-Dichlorobenzidine	13.986	252	10358	35.480	ng		98
83) Chrysene	14.063	228	48097	47.458	ng		97
84) Bis(2-ethylhexyl)phtha...	14.016	149	44759	49.797	ng	#	98
85) Di-n-octyl phthalate	14.627	149	66979	45.921	ng		99
87) Indeno(1,2,3-cd)pyrene	16.986	276	43923	55.630	ng		96
88) Benzo(b)fluoranthene	15.074	252	42982	44.639	ng		97
89) Benzo(k)fluoranthene	15.104	252	41892	47.615	ng	#	97
90) Benzo(a)pyrene	15.445	252	40229	50.014	ng		100
91) Dibenzo(a,h)anthracene	17.004	278	37335	54.015	ng		96
92) Benzo(g,h,i)perylene	17.433	276	37670	57.472	ng	#	90

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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